e robinson, HL/in

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E2              1        ROBINSON, HERBERT N/IN
E3              0 --> ROBINSON, HL/IN
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=> s dna(4w)transcriptional(4w)unit
         8877 DNA
          756 TRANSCRIPTIONAL
       516774 UNIT
L1           12 DNA(4W)TRANSCRIPTIONAL(4W)UNIT

=> s immunizing
L2         1663 IMMUNIZING

=> s l2 and l3
'L3' NOT FOUND

=> s l1 and l2
L3            0 L1 AND L2

=> d l1 cit 1-12
```

1. 5,223,605, Jun. 29, 1993, Interleukin-4 binding protein-.gamma.;
William C. Fanslow, et al., 530/350; 435/69.1, 69.2; 530/351, 389.1, 395,
827; 930/141 [IMAGE AVAILABLE]

2. 5,194,375, Mar. 16, 1993, DNA encoding interleukin-7 receptors and
methods of use; Linda S. Park, et al., 435/69.1, 252.3, 320.1; 530/350;
536/23.5, 24.31 [IMAGE AVAILABLE]

3. 5,171,675, Dec. 15, 1992, Macrophage colony stimulating
factor-.gamma.; Douglas P. Cerretti, et al., 435/69.5, 320.1; 530/399
[IMAGE AVAILABLE]

4. 5,108,910, Apr. 28, 1992, DNA sequences encoding fusion proteins
comprising GM-CSF and IL-3; Benson M. Curtis, et al., 435/69.7, 69.5,
69.52, 172.3, 320.1; 536/23.4, 23.51 [IMAGE AVAILABLE]

5. 5,106,733, Apr. 21, 1992, Bovine granulocyte-macrophage colony
stimulating factor; Paul E. Baker, et al., 435/69.5, 240.1, 243, 320.1;
536/23.51, 24.1 [IMAGE AVAILABLE]

6. 5,081,228, Jan. 14, 1992, Interleukin-1 receptors; Steven K. Dower,
et al., 530/351; 424/85.1, 85.2; 435/69.1, 69.5; 514/2, 8; 530/350, 395,
820 [IMAGE AVAILABLE]

7. 5,073,627, Dec. 17, 1991, Fusion proteins comprising GM-CSF and IL-3;
Benson M. Curtis, et al., 530/351; 435/69.5, 69.52, 69.7; 530/402, 403,
404, 405, 808 [IMAGE AVAILABLE]

8. 4,968,607, Nov. 6, 1990, Interleukin-1 receptors; Steven K. Dower, et
al., 435/69.1, 235.1, 240.1, 252.8, 255; 530/388.22, 399; 536/23.5,
23.51, 24.31 [IMAGE AVAILABLE]

9. 4,965,195, Oct. 23, 1990, Interleukin-7; Anthony E. Namen, et al.,
435/69.52, 91, 172.1, 172.3, 320.1; 530/350, 351; 536/24.3, 24.31 [IMAGE
AVAILABLE]

10. 4,863,481, Oct. 16, 1990, Promoter system; Jose P. deWildoms

435/69.1, 70.1, 172.3, 320.1; 536/23.5, 24.1; 935/32, 36, 60, 70 [IMAGE AVAILABLE]

11.   4,894,333, Jan. 16, 1990, Bovine interleukin-1.alpha.; Douglas P. Cerretti, et al., 435/69.52, 172.1, 172.3, 252.8 [IMAGE AVAILABLE]

12.   4,835,098, May 30, 1989, Characterization of HLA alleles with locus-specific DNA probes; Harry T. Orr, et al., 435/6, 172.3; 436/63, 501, 808; 536/23.5, 24.3; 935/12, 29, 78 [IMAGE AVAILABLE]

```
=> s influenza
L4          1450 INFLUENZA

=> s 14 and antigen
         10108 ANTIGEN
L5           623 L4 AND ANTIGEN

=> s 11 and 15
L6             0 L1 AND L5

=> s method an
L7       790481 METHOD

=> d his

     (FILE 'USPAT' ENTERED AT 17:51:05 ON 11 AUG 93)
               E ROBINSON, HL/IN
L1            12 S DNA(4W)TRANSCRIPTIONAL(4W)UNIT
L2          1663 S IMMUNIZING
L3             0 S L1 AND L2
L4          1450 S INFLUENZA
L5           623 S L4 AND ANTIGEN
L6             0 S L1 AND L5
L7        790481 S METHOD

=> s 12 and 17
L8          1585 L2 AND L7

=> s 18 and 14
L9           146 L8 AND L4

=> s 19 and 11
L10            0 L9 AND L1

=> log y
U.S. Patent & Trademark Office LOGOFF AT 17:56:16 ON 11 AUG 93



Dialog Information Services' DIALNET
-2030:01-002-
Enter Service:

Service: DIALOG


DIALNET: call connected

DIALOG INFORMATION SERVICES
PLEASE LOGON:
?████████
ENTER PASSWORD:
?████████
Welcome to DIALOG
Dialog level 31.07.01D
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Last logoff:   11aug93 10:48:49
Logon file405 11aug93 16:58:32
* * * Some Dialorder Suppliers have been cancelled: * * *
*       See Help SUPPLRS.                              * * *
*                                                      * * *
* Please note: Access phone number for DIALNET has     * * *
* changed in Columbus, Ohio to 614-764-0666 and in     * * *
* St. Louis, Mo. to 314-298-0600.                      * * *

SYSTEM:HOME
Menu System II: D2 version 1.6.5 term=ASCII
                        *** DIALOG HOMEBASE Main Menu ***


    Enter an option number and press ENTER to view information on any
    item listed below; enter a BEGIN command to search in a different
    database.

        1 Announcements (new databases, price changes, etc.)
        2 DIALOG HOMEBASE Features
        3 DIALOG Free File of the Month
        4 DIALOG Database Information and Rates
        5 Database Selection (DIALINDEX/OneSearch Categories)
        6 DIALOG Command Descriptions
        7 DIALOG Training Schedules and Seminar Descriptions
        8 DIALOG Services

        9 Begin DIALOG Menus (sm)
       10 Begin DIALOG Business Connection (r)


    Enter an option number or a Begin command and press ENTER:
      /H =Help            /L =Logoff          /NOMENU =Command Mode
?begin biochem

        11aug93 16:58:52 User214374 Session D299.1
            $0.08     0.005 Hrs FileHomeBase
    $0.08   Estimated cost FileHomeBase
    $0.06   DIALNET
    $0.14   Estimated cost this search
    $0.14   Estimated total session cost   0.005 Hrs.

SYSTEM:OS  - DIALOG OneSearch
   File    5:BIOSIS PREVIEWS   69-93/JUL BA9605:BARRM4505
           (c) 1993 BIOSIS
 **FILE   5: Biosystematic Codes (BC=) for viruses have changed for 1993.
 Type ?NEWS5 for more information and a complete list of the new codes.
   File   73:EMBASE (EXCERPTA MEDICA)  74-93/ISS32
           (c) 1993 ESP BV
 **FILE073: Truncate EMTREE Codes(e.g. DC=C1.120?) for complete retrieval.
 The 1993 Embase Thesaurus is now available.
   File   76:Life Sciences Collection  1978-1993/Jun
           (c) 1993 Cambridge Sci Abs
   File  125:CLAIM/U.S. PATENT ABS WEEKLY PN 5214797-5233709
           Jun 01 93-Aug 03 93
 **FILE125: All CLAIMS and All FRONT PAGE information available
   For file information, type ?NEWS125
   File  144:PASCAL  1973-1993/Aug
           (c) 1993 INIST/CNRS
 **FILE144: Limit problem; see HELP NEWS144.
   File  155:MEDLINE  1966-1993/SEP (9310W1)
   File  156:TOXLINE   1965-1993/JUL
 **FILE156: Annual TOXLINE reload for 1993 is now available.
 Prices have changed. See ?RATES156 for details.
   File  305:Analytical Abstracts Online  1980-1993/Aug
           (c) 1993 Royal Soc Chemistry
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1950-JUN 93
  **FILE340: ALL CLAIMS and ALL FRONT PAGE info is available from
     PN 3552244 (1971-present). For file info, TYPE ?NEWS340.
   File 350:Derwent World Patents Index
          1963-1980, EQUIVALENTS THRU DW=9320
  **FILE350: Format 9 includes the expanded patent table. Preformatted
   REPORTs are available. Type ?FMT350, ?NEWS350, ?RATES350 for more info.
   File 351:DERWENT WORLD PATENTS INDEX-LATEST
          1981+;DW=9325,UA=9318,UM=9246
  **FILE351: Attention Derwent subscribers: Markush DARC on DIALOG is
     available. Begin WPILM to access.
   File 357:Derwent Biotechnology Abs.   1982-1993/Aug
          (c) 1993 Derwent Pub. ltd.
   File 358:CURRENT BIOTECHNOLOGY ABS   1983-1993/AUG
          (COPR. 1993 ROYAL SOC CHEM)
   File 399:CA SEARCH   1967-1993 UD=11904
          (COPR. 1993 BY THE AMER. CHEM. SOC.)
  **FILE399: Use is subject to the terms of your user/customer agreement.
  1) RANK DE now available. 2) Format 6 changed.   Type HELP NEWS399.
   File 434:SCISEARCH(R) 1974 - 9307W2
          (c) 1993 ISI Inc.
  **FILE434: Contains complete, merged SciSearch file
  **Includes abstracts as of 1991
   File 442:AMERICAN MEDICAL ASSOCIATION JOURNALS ONLINE
          (c)AMA 1993
FILE NOW CONTAINS 1992 DATA FOR JAMA.
   File 444:New England Journal of Med.   1985-1993/Aug W1
          (c) 1993 Mass. Med. Soc.
ALERTS can now be set up in file 444.

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?s influenza(4w)antigen
         96085 INFLUENZA
        885186 ANTIGEN
     S1   1476 INFLUENZA(4W)ANTIGEN
?s hemagglutinin
     S2   71687 HEMAGGLUTININ
?s immunization
     S3 160170 IMMUNIZATION
?s method
     S4 3570422 METHOD
?s s1 and s2
          1476 S1
         71687 S2
     S5   416 S1 AND S2
?s s5 and s3
           416 S5
        160170 S3
     S6   26 S5 AND S3
?s s6 and s4
Processing
Processed 10 of 17 files ...
Completed processing all files
            26 S6
       3570422 S4
     S7   0 S6 AND S4
?s DNA(4w)transcciption(4w)unit
Processing
Processed 10 of 17 files ...
Processing
Completed processing all files
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        339579 TRANSCRIPTION
       1212088 UNIT
     S9   101 DNA(4W)TRANSCRIPTION(4W)UNIT

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?ds

Set        Items    Description
S1          1476    INFLUENZA(4W)ANTIGEN
S2         71687    HEMAGGLUTININ
S3        160170    IMMUNIZATION
S4       3570422    METHOD
S5           416    S1 AND S2
S6            26    S5 AND S3
S7             0    S6 AND S4
S8           181    DNA(4W)TRANSCRIPTION(4W)UNIT
?s s5 and s8
              416   S5
              181   S8
      S9        0   S5 AND S8
?sss3 and s4 and s8
Processing
Processed  10 of  17 files ...
Processing
Completed processing all files
           160170   S3
          3570422   S4
              181   S8
     S10        0   S3 AND S4 AND S8
?e au=robinson, hl

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E4          2   AU=ROBINSON, HONOR M.
E5          1   AU=ROBINSON, HORACE MAYFIELD, JR.
E6         18   AU=ROBINSON, HOWARD
E7          1   AU=ROBINSON, HOWARD ADDISION
E8          1   AU=ROBINSON, HOWARD ADDISON
E9          3   AU=ROBINSON, HOWARD C.
E10         2   AU=ROBINSON, HOWARD D.
E11         1   AU=ROBINSON, HOWARD F.
E12        10   AU=ROBINSON, HOWARD H.

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?e au=fynan, ef

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E3          0  *AU=FYNAN, EF
E4          1   AU=FYNAUT C.
E5          1   AU=FYNBO HARTMAN
E6          2   AU=FYNBO KNUD HANSEN
E7          2   AU=FYNBO P
E8         10   AU=FYNBO P B
E9          9   AU=FYNBO PB
E10         5   AU=FYNBO, P. B.
E11         1   AU=FYNBO, PETER BILLE
E12        15   AU=FYNBOE C

          Enter P or PAGE for more
?ds

Set        Items    Description
S1          1476    INFLUENZA(4W)ANTIGEN
S2         71687    HEMAGGLUTININ
S3        160170    IMMUNIZATION
S4       3570422    METHOD
S5           416    S1 AND S2
```

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S6          26    S5 AND S3
S7           0    S6 AND S4
S8         181    DNA(4W)TRANSCRIPTION(4W)UNIT
S9           0    S5 AND S8
S10          0    S3 AND S4 AND S8
?s s1 and s8
           1476   S1
            181   S8
    S11       0   S1 AND S8
?rd s8
>>>Duplicate detection is not supported for File 125.
>>>Duplicate detection is not supported for File 340.
>>>Duplicate detection is not supported for File 350.
>>>Duplicate detection is not supported for File 351.

>>>Records from unsupported files will be retained in the RD set.
...examined 50 records    (50)
...examined 50 records    (100)
...examined 50 records    (150)
...completed examining records
    S12     106   RD S8 (unique items)
?t s12/6/1-10
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12/6/1   (Item 1 from file: 5)
10428291   BIOSIS Number: 96028291
  DEMONSTRATION OF HUMAN INSULIN GENE EXPRESSION IN THE MEDIAL HABENULA OF
TRANSGENIC MICE BY IN-SITU HYBRIDIZATION AND IMMUNOHISTOCHEMISTRY

12/6/2   (Item 2 from file: 5)
10416532   BIOSIS Number: 96016532
  EXPRESSION OF THE DROSOPHILA OPTOMOTOR-BLIND GENE TRANSCRIPT IN NEURONAL
AND GLIAL CELLS OF THE DEVELOPING NERVOUS SYSTEM

12/6/3   (Item 3 from file: 5)
10413488   BIOSIS Number: 96013488
  PCR AMPLIFICATION OF THE 3' EXTERNAL TRANSCRIBED AND INTERGENIC SPACERS
OF THE RIBOSOMAL DNA REPEAT UNIT IN THREE SPECIES OF SACCHAROMYCES

12/6/4   (Item 4 from file: 5)
10027400   BIOSIS Number: 95027400
  YEAST SITE-SPECIFIC RIBONUCLEOPROTEIN ENDORIBONUCLEASE MRP CONTAINS AN
RNA COMPONENT HOMOLOGOUS TO MAMMALIAN RNASE MRP RNA AND ESSENTIAL FOR CELL
VIABILITY

12/6/5   (Item 5 from file: 5)
9590650   BIOSIS Number: 94095650
  REGULATION AND EXPRESSION OF A GROWTH ARREST-SPECIFIC GENE GAS5 DURING
GROWTH DIFFERENTIATION AND DEVELOPMENT

12/6/6   (Item 6 from file: 5)
9547586   BIOSIS Number: 94052586
  ISOLATION AND CHARACTERIZATION OF COMPLEMENTARY DNA FOR N-CYM A GENE
ENCODED BY THE THE DNA STRAND OPPOSITE TO N-MYC

12/6/7   (Item 7 from file: 5)
9511556   BIOSIS Number: 94016556
  STRUCTURE AND EXPRESSION OF A CALCIUM-BINDING PROTEIN GENE CONTAINED
WITHIN A CALMODULIN-REGULATED PROTEIN KINASE GENE

12/6/8   (Item 8 from file: 5)
9147834   BIOSIS Number: 93132834
  SPIRONOLACTONE AN ALDOSTERONE ANTAGONIST ACTS AS AN
ANTIGLUCOCORTICOSTEROID ON THE MOUSE MAMMARY TUMOR VIRUS PROMOTER

12/6/9   (Item 9 from file: 5)
9027262   BIOSIS Number: 93012262

ALTERNATE PROMOTER SELECTION WITHIN A HUMAN CYTOMEGALOVIRUS
IMMEDIATE-EARLY AND EARLY TRANSCRIPTION UNIT UL119-115 DEFINES TRUE LATE
TRANSCRIPTS CONTAINING OPEN READING FRAMES FOR PUTATIVE VIRAL GLYCOPROTEINS

    12/6/10   (Item 10 from file: 5)
8575238   BIOSIS Number: 92040238
  A GENERIC INTRON INCREASES GENE EXPRESSION IN TRANSGENIC MICE
?t s12/5/9

    12/5/9   (Item 9 from file: 5)
9027262   BIOSIS Number: 93012262
  ALTERNATE PROMOTER SELECTION WITHIN A HUMAN CYTOMEGALOVIRUS
IMMEDIATE-EARLY AND EARLY TRANSCRIPTION UNIT UL119-115 DEFINES TRUE LATE
TRANSCRIPTS CONTAINING OPEN READING FRAMES FOR PUTATIVE VIRAL GLYCOPROTEINS
  LEATHAM M P; WITTE P R; STINSKI M F
  DEP. MICROBIOL., SCH. MED., UNIV. IOWA, IOWA CITY, IOWA 52242.
  J VIROL 65 (11). 1991. 6144-6153.   CODEN: JOVIA
  Full Journal Title: Journal of Virology
  Language: ENGLISH
  Subfile: BA (Biological Abstracts)
  The human cytomegalovirus open reading frames (ORFs) UL119 through UL115
(UL119-115) are located downstream of the immediate-early 1 and 2
transcription units. The promoter upstream of UL119 is active at all times
after infection and drives the synthesis of a spliced 3.1-kb mRNA. The
viral mRNA initiates in UL119, contains UL119-117 and UL116, and terminates
just downstream of UL115. True late transcripts that are detected only
after viral DNA synthesis originate from this transcription unit. True late
mRNAs of 2.1 kb, containing ORF UL116 and UL115, and 1.2 Kb, containing ORF
UL115 only, are synthesized. The true late viral mRNAs are 3' coterminal
with the 3.1-kb mRNA. This transcription unit is an example of late
promoters nested within an immediate-early-early transcription unit. The
gene products of UL119-117, UL116, and UL115 are predicted to be
glycoproteins. Efficient expression of the downstream ORFs at late times
after infection may be related to alternate promoter usage and downsteam
cap site selection.
Descriptors/Keywords: ALTERNATE PROMOTER USAGE DOWNSTREAM CAPSITE SELECTION
  MOLECULAR SEQUENCE DATA AMINO ACID SEQUENCE
Concept Codes:
  *10062   Biochemical Studies-Nucleic Acids, Purines and Pyrimidines
  *10064   Biochemical Studies-Proteins, Peptides and Amino Acids
  *10506   Biophysics-Molecular Properties and Macromolecules
  *31500   Genetics of Bacteria and Viruses
  *33506   Virology-Animal Host Viruses
   10052   Biochemical Methods-Nucleic Acids, Purines and Pyrimidines
   10068   Biochemical Studies-Carbohydrates
   32000   Microbiological Apparatus, Methods and Media
Biosystematic Codes:
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Super Taxa:
  Microorganisms; Viruses
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      $3.01 Estimated cost File5
            $1.51   0.014 Hrs File73
      $1.51 Estimated cost File73
            $0.63   0.007 Hrs File76
      $0.63 Estimated cost File76
            $0.30   0.002 Hrs File125
      $0.30 Estimated cost File125
            $0.78   0.013 Hrs File144
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            $2 52   0 010 Hrs File155

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$0.62    Estimated cost File357
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$0.32    Estimated cost File358
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$2.20    DIALNET
$24.37   Estimated cost this search
$24.51   Estimated total session cost   0.188 Hrs.
Logoff: level 31.07.01 D  17:09:49


DIALNET: call cleared by request

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